

IN THE CLAIMS

Please cancel claims 1-32 without prejudice.

Please add the following claims:

33. (New) A mechanism for providing a web page for a copier, comprising:
a web server that generates a web page for the copier, the web page enabling
control functions for the copier;
a network interface coupled to the web server;
a monitor coupled to the web server, wherein the monitor controls device-
specific functions of the copier; and
wherein the mechanism is embedded in the copier.

34. (New) The mechanism of claim 33 wherein the monitor also monitors a set
of information pertaining to the copier.

35. (New) The mechanism of claim 33 wherein the monitor performs control
and information monitoring and logging.

36. (New) The mechanism of claim 33 wherein the monitor is implemented
with software executed on a processor.

37. (New) The mechanism of claim 33 further comprising a control/monitor
path coupled to the monitor.

38. (New) The mechanism of claim 33 wherein the web server is implemented
in a single integrated circuit chip that includes a processor and a memory.

39. (New) The mechanism of claim 33 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory, and wherein the memory contains software for servicing HTTP.

40. (New) The mechanism of claim 33 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory, and wherein the network interface has a hardware portion that is implemented on the single integrated circuit chip.

41. (New) The mechanism of claim 33 wherein the web server is implemented as a state machine.

42. (New) The mechanism of claim 33 wherein the web server includes a processor that executes software or firmware that services HTTP and that generates HTML formatted files.

43. (New) The mechanism of claim 33 wherein the web server includes a memory, and wherein the web page for the copier is stored in the memory.

44. (New) The mechanism of claim 33 wherein the web page for the copier is generated on the fly.

45. (New) The mechanism of claim 33 wherein the web page for the copier includes a page title, a header section, a set of ASCII text, a table section, and a set of hyperlinks.

46. (New) The mechanism of claim 33 wherein the web page for the copier includes multimedia files.

47. (New) The mechanism of claim 33 wherein the web page for the copier includes hyperlinks to manuals and parts lists.

48. (New) The mechanism of claim 33 wherein the web page for the copier includes publications that contain dynamic information.

49. (New) The mechanism of claim 33 wherein the web page for the copier includes publications that contain dynamic information, and wherein the dynamic information includes updated software driver routines for the copier.

50. (New) A mechanism for providing a web page for a printer, comprising:
a web server that generates a web page for the printer, the web page enabling control functions for the printer;
a network interface coupled to the web server;
a monitor coupled to the web server, wherein the monitor controls device-specific functions of the printer; and
wherein the mechanism is embedded in the printer.

51. (New) The mechanism of claim 50 wherein the printer web page includes hyperlinks for printer support functions, including information regarding ordering printer supplies.

52. (New) The mechanism of claim 50 wherein the printer web page includes a printer name, an administrator, and a location for the printer.

53. (New) The mechanism of claim 50 wherein the monitor also monitors a set of information pertaining to the printer.

54. (New) The mechanism of claim 50 wherein the monitor performs control and information monitoring and logging.

55. (New) The mechanism of claim 50 wherein the monitor is implemented with software executed on a processor.

56. (New) The mechanism of claim 50 further comprising a control/monitor path coupled to the monitor.

57. (New) The mechanism of claim 50 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.

58. (New) A mechanism for providing a web page for a fax machine, comprising:

- a web server that generates a web page for the fax machine, the web page enabling control functions for the fax machine;
- a network interface coupled to the web server;
- a monitor coupled to the web server, wherein the monitor controls device-specific functions of the fax machine; and

wherein the mechanism is embedded in the fax machine.

59. (New) The mechanism of claim 58 wherein the monitor also monitors a set of information pertaining to the fax machine.

60. (New) The mechanism of claim 58 wherein the monitor performs control and information monitoring and logging.

61. (New) The mechanism of claim 58 wherein the monitor is implemented with software executed on a processor.

62. (New) The mechanism of claim 58 further comprising a control/monitor path coupled to the monitor.

63. (New) The mechanism of claim 58 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.

64. (New) A mechanism for providing a web page for a video player that reads video and audio information from a storage medium, comprising:

a web server that generates a web page for the video player, the web page enabling control functions for the video player;

a network interface coupled to the web server;

a monitor coupled to the web server, wherein the monitor controls device-specific functions of the video player; and

wherein the mechanism is embedded in the video player.

65. (New) The mechanism of claim 64 wherein the storage medium is an optical storage medium.

66. (New) The mechanism of claim 64 wherein the storage medium is magnetic tape.

67. (New) The mechanism of claim 64 wherein the video player is a video player/recorder that reads and writes video and audio information to an optical storage medium.

68. (New) The mechanism of claim 64 wherein the video player is a video player/recorder that reads and writes video and audio information to a magnetic tape storage medium.

69. (New) The mechanism of claim 64 wherein the monitor also monitors a set of information pertaining to the video player.

70. (New) The mechanism of claim 64 wherein the monitor performs control and information monitoring and logging.

71. (New) The mechanism of claim 64 wherein the monitor is implemented with software executed on a processor.

72. (New) The mechanism of claim 64 further comprising a control/monitor path coupled to the monitor.

73. (New) The mechanism of claim 64 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.

74. (New) A mechanism for providing a web page for a television, comprising: a web server that generates a web page for the television, the web page enabling control functions for the television;

a network interface coupled to the web server;
a monitor coupled to the web server, wherein the monitor controls device-specific functions of the television; and
wherein the mechanism is embedded in the television.

75. (New) The mechanism of claim 74 wherein the monitor also monitors a set of information pertaining to the television.

76. (New) The mechanism of claim 74 wherein the monitor performs control and information monitoring and logging.

77. (New) The mechanism of claim 74 wherein the monitor is implemented with software executed on a processor.

78. (New) The mechanism of claim 74 further comprising a control/monitor path coupled to the monitor.

79. (New) The mechanism of claim 74 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.

80. (New) A mechanism for providing a web page for a thermostat, comprising:
a web server that generates a web page for the thermostat, the web page enabling control functions for the thermostat;
a network interface coupled to the web server;
a monitor coupled to the web server, wherein the monitor controls device-specific functions of the thermostat; and
wherein the mechanism is embedded in the thermostat.

81. (New) The mechanism of claim 80 wherein the monitor also monitors a set of information pertaining to the thermostat.

82. (New) The mechanism of claim 80 wherein the monitor performs control and information monitoring and logging.

83. (New) The mechanism of claim 80 wherein the monitor is implemented with software executed on a processor.

84. (New) The mechanism of claim 80 further comprising a control/monitor path coupled to the monitor.

85. (New) The mechanism of claim 80 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.

86. (New) A mechanism for providing a web page for a refrigerator, comprising:
a web server that generates a web page for the refrigerator, the web page enabling control functions for the refrigerator;
a network interface coupled to the web server;
a monitor coupled to the web server, wherein the monitor controls device-specific functions of the refrigerator; and
wherein the mechanism is embedded in the refrigerator.

87. (New) The mechanism of claim 86 wherein the monitor also monitors a set of information pertaining to the refrigerator.

88. (New) The mechanism of claim 86 wherein the monitor performs control and information monitoring and logging.

89. (New) The mechanism of claim 86 wherein the monitor is implemented with software executed on a processor.

90. (New) The mechanism of claim 86 further comprising a control/monitor path coupled to the monitor.

91. (New) The mechanism of claim 86 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.

92. (New) A mechanism for providing a web page for a washing machine, comprising:

a web server that generates a web page for the washing machine, the web page enabling control functions for the washing machine;

a network interface coupled to the web server;

a monitor coupled to the web server, wherein the monitor controls device-specific functions of the washing machine; and

wherein the mechanism is embedded in the washing machine.

93. (New) The mechanism of claim 92 wherein the monitor also monitors a set of information pertaining to the washing machine.

94. (New) The mechanism of claim 92 wherein the monitor performs control and information monitoring and logging.

95. (New) The mechanism of claim 92 wherein the monitor is implemented with software executed on a processor.

96. (New) The mechanism of claim 92 further comprising a control/monitor path coupled to the monitor.

97. (New) The mechanism of claim 92 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.

98. (New) A mechanism for providing a web page for a disk drive, comprising:
a web server that generates a web page for the disk drive, the web page enabling control functions for the disk drive;
a network interface coupled to the web server;
a monitor coupled to the web server, wherein the monitor controls device-specific functions of the disk drive; and
wherein the mechanism is embedded in the disk drive.

99. (New) The mechanism of claim 98 wherein the monitor also monitors a set of information pertaining to the disk drive.

100. (New) The mechanism of claim 98 wherein the monitor performs control and information monitoring and logging.

101. (New) The mechanism of claim 98 wherein the monitor is implemented with software executed on a processor.

102. (New) The mechanism of claim 98 further comprising a control/monitor path coupled to the monitor.

103. (New) The mechanism of claim 98 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.

104. (New) A mechanism for providing a web page for an oscilloscope, comprising:

a web server that generates a web page for the oscilloscope, the web page enabling control functions for the oscilloscope;

a network interface coupled to the web server;

a monitor coupled to the web server, wherein the monitor controls device-specific functions of the oscilloscope; and

wherein the mechanism is embedded in the oscilloscope.

105. (New) The mechanism of claim 104 wherein the monitor also monitors a set of information pertaining to the oscilloscope.

106. (New) The mechanism of claim 104 wherein the monitor performs control and information monitoring and logging.

107. (New) The mechanism of claim 104 wherein the monitor is implemented with software executed on a processor.

108. (New) The mechanism of claim 104 further comprising a control/monitor path coupled to the monitor.

109. (New) The mechanism of claim 104 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.

110. (New) A mechanism for providing a web page for a spectrum analyzer, comprising:

a web server that generates a web page for the spectrum analyzer, the web page enabling control functions for the spectrum analyzer;

a network interface coupled to the web server;

a monitor coupled to the web server, wherein the monitor controls device-specific functions of the spectrum analyzer; and

wherein the mechanism is embedded in the spectrum analyzer.

111. (New) The mechanism of claim 110 wherein the monitor also monitors a set of information pertaining to the spectrum analyzer.

112. (New) The mechanism of claim 110 wherein the monitor performs control and information monitoring and logging.

113. (New) The mechanism of claim 110 wherein the monitor is implemented with software executed on a processor.

114. (New) The mechanism of claim 110 further comprising a control/monitor path coupled to the monitor.

115. (New) The mechanism of claim 110 wherein the web server is implemented in a single integrated circuit chip that includes a processor and a memory.